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Enjoy the crisp and clear sound of your MP3/WMA/AAC[1] files with CD, control your digital music using the USB 1-wire on your Sony® CDX-GT56UI or connect to satellite radio[3]. You can also fine tune your listening experience with the Advanced Sound Engine processor.

Bullets

- Detach face with LCD display and front aux input
- Front USB input for iPod®2, iPhone®[2] & USB music players
- MP3/WMA/AAC[1] playback with DM+ enhancement technology
- SiriusXM™ Satellite radio connector ready[3]
- Intuitive Quick-BrowZer® and ZAPPIN™ search features
- Advanced Sound Engine and 52 Watts x 4 High Power
- 2 Volt rear/sub selectable preamp outputs
- Automatic Level Optimizer
- Wireless card remote included (RM-X211)
- Radio Data System (RDS)
- Red key illumination
- Coaxial 2-way speaker
- 4 Ohm impedance
- 190 Watts Peak (40 Watts Rated)

Features

Detach face with front aux input

The easy-to-read single line LCD display shows clock, station ID and track data when playing your digital music files from CD or front USB input. Front aux input lets you connect almost any portable audio device to your car's sound system

Front USB 1-Wire

Connect, charge, and control your iPod®[2], iPhone®[2], Walkman® player or other compatible USB devices via the USB 1-Wire jack in the front of the unit. You can also view metadata like song title and artist on the front display.

SiriusXM™ Satellite radio[3]

The on-board SiriusXM™ connector[3] simplifies satellite radio installation by eliminating compatibility issues and provides direct connection to the new platform of tuners.

MP3/WMA/AAC playback[1]

Multi-format playback lets you play your MP3, WMA, or AAC songs[1]. Hear digital music files in their original vibrancy with DM+ (Digital Music Plus), a Sony® codec enhancer that reproduces detailed frequencies from compressed audio files

Intuitive Search Features

Use Quick-BrowZer® feature to find music by artist, album, genre, song or playlist. Jump Mode allows you to fast forward in a category in 10% increments while the ZAPPIN™ feature can play a 6/9/30 second intro clips to help you find a specific song.

Advanced Sound Engine

The Advanced Sound Engine uses EQ7 equalizer, adjustable LPF/HPF crossovers, Listener Position calibration, DM+ advanced sound restoration, Rear Bass Enhancer, and Dynamic Loudness volume leveler to deliver an impressive listening experience.

RCA outputs for external amplifiers

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When you're ready to expand your system, the CDX-GT56UI offers selectable rear or subwoofer pre-amp RCA outputs for connecting external amplifiers. Set the built in electronic HPF/LPF crossovers to improve sound quality and reduce system distortion

Automatic Level Optimizer

Automatic Level Optimizer analyzes each tracks playback levels and adjusts output level to optimize transitions between tracks and sources.

Radio Data System

Radio Data System (RDS) feature displays radio broadcast information such as artist and track information when listening to compatible AM/FM stations. RDS also allows expanded channel playback with compatible radio station broadcasts.

Wireless card remote

Control your receiver while keeping your eyes on the road with the included wireless card remote (RM-X211).

Key illumination

Red key illumination helps you locate buttons quickly during evening playback.

2-Way Speaker

The included 2-way 6.5" co-axial speakers deliver crisp and clear sound.

Impedance Rating

The speakers are rated at 4 Ohm to ensure system compatibility and optimize power handling.

Power Handling

Peak Power handling of 190 Watts and Rated Power of 40 Watts.

Specifications

Amplifier Section	
Max power output	52 watts x 4 at 4 ohms
Power Ad Hoc	CEA2006 Standard Power: 17 Watts RMS per channel into 4 Ohms, 4 channels driven from 20 Hz to 20 kHz with less than 1% THD+N.
Speaker Impedance	4-8 Ohms
AMP & General Feature	
Automatic Level Optimizer	Yes
Aux-In	Yes (Front)
DM+ (Codec enhancer)	Yes(Gen2.1)
EQ	EQ7: 7 band EQ with +/- 6 dB adjustment at 63 Hz, 160 Hz, 400 Hz, 1000 Hz, 2.5 kHz, 6.3 kHz and 16 kHz.
High Pass Filter	Selectable on/off at: 50, 60, 80, 100 or 120 Hz.
Loudness	Dynamic Loudness
Low Pass Filter	Selectable on/off at: 50, 60, 80, 100 or 120 Hz.
Output Power (4ohm, 1kHz,16V)(W)	52 watts x 4
Pre Out	(1) Rear / Sub switchable
Rear/Sub initial	Sub
Rear Bass Enhancer	Yes
Sirius/XM Connector	Yes
Time Alignment Custom	Yes (Adjustment)
Time Alignment Preset	Yes
USB	Yes (Front)
Audio	
Band	AM / FM

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Equalizer	EQ7: 7 band EQ with +/- 6 dB adjustment at 63 Hz, 160 Hz, 400 Hz, 1000 Hz, 2.5 kHz, 6.3 kHz and 16 kHz.
Format(s) Supported	MP3/WMA/AAC files[1]
Preout Impedance	220 ohms
Preout Voltage	2 volt
S/N Ratio	Audio Power: CEA2006 S/N 80 dBA
Sensitivity (db)	Speaker: 91 dB/W/m
Signal-to-Noise Ratio (dB)	CD: 120 dB
Station Preset(s)	18 FM / 12 AM
Tuner Frequency Range	FM (MHz): 87.5-107.9 AM (kHz): 530-1710
Tuner Type	SSIR-EXA with RDS
Wow and Flutter	Below measurable limit
AUX in Feature	
Level Adjustment	Yes (-8dB / +18dB)
Convenience	
Tilt Range	0-45° mounting angle
Convenience Features	
Dimmer Adjust	Manual
Key Illumination	Red
On-Screen Clock	12H
Display	
Display Color	Black / Negative Color
Display Technology	LCD
Text Displayed	Source, artist, track, playback time, menu and clock
Text Lines	1 line of information
Display Panel	
Auto off mode	Yes
Dimmer Adjust	Manual
Panel Design	
Display color (Color Variation/Nega or Posi)	Black color / Negative
Display Device (LCD/FL/OEL/TFT)	LCD
Key Illumination	RED
Panel finish color	Black (Bare)
Feature	
CODEC (for USB)	MP3, WMA, AAC[1]
Jump Mode	Yes
List Browsing (Folders/Files)	Yes
Pause	Yes
Repeat	OFF/ TRACK/ ALBUM
Resume Play	Yes
Shuffle	OFF/ALBUM/DEVICE
ZAPPIN	Yes
General	
CEA2006 output power	17

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CEA2006 S/N	80
Dimensions (WxHxD) (mm)	Receiver: 178x50x180
Maximum output power (4ohm, 1kHz, 16V)(W)	52
Mounting dimensions (WxHxD)(mm)	Receiver: 182 x 53 x 162
Preout impedance (ohms)	220
Preout output level (V)	2

Inputs and Outputs

12V Trigger Output(s)	Power amplifier turn on
Antenna Terminal(s)	AM/FM Antenna Input Terminal
Audio In	Front Aux in with variable level Front USB input SiriusXM connector
Digital Audio Input(s)	Ability to use all forms of USB devices may vary as not all devices are compatible. This unit is compliant with MSC (Mass Storage Class) and MTP (Media Transfer Protocol) type USB devices compliant with the USB standard. This unit cannot recognize USB devices via a USB hub. This unit can be connected to the following iPods. Update your iPod to the latest software before you use it. iPod Nano 1st - 6th generation iPod Touch 1st - 4th generation iPod Classic iPod with video iPhone iPhone 3G iPhone 3GS iPhone 4 If you have any questions or problems concerning your unit that are not covered in the owners manual, consult your nearest Sony dealer.
Infrared Port	Wireless remote
RCA Audio Output(s)	Rear/Subwoofer selectable RCA pre-amp outputs
Remote Jack	Optional wired remote terminal
USB Port(s)	Front

iPod Control Feature

Accessory Information	Yes
CODEC (for iPod)	depend on iPod content
List Browsing (Folders / Files)	Quick-BrowZer®
Passenger Control	Yes
Pause	Yes
Repeat	Yes (Track, Album, Artist, Playlist, Genre, Podcast)
Resume Play	Yes
Shuffle	Yes (Genre, Album, Artist, Playlist, Device, Podcast)
ZAPPIN	Yes

USB Capable

USB Mass Storage Device	Yes

Other Features

Card Remote ( ): Option	RM-X211
CD lock mode	Yes
Clock	12H
Rotary commander ( ):Option	(RM-X4S)
Security	Detachable

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Tuner	
FM Usable Sensitivity	8 dBf
Frequency Response	FM: 20-15,000 Hz
S/N Ratio	80 dB (stereo)
Selectivity	75 dB at 400 kHz
Stereo Separation	50 dB at 1 KHz
FM: Channel separation (dB)	50 dB at 1 kHz
FM: Frequency response (Hz)	20 - 15k
FM: Intermediate frequency (MHz)	25KHz
FM: S/N ratio (mono) (dB)	80 dB stereo
FM: Selectivity (400 kHz) (dB)	75 dB
FM: Tuning range (MHz)	87.5-107.9
FM: Usable sensitivity (75 ohm) (dBf)	8 dBf
MW: Tuning range(kHz)	530-1710
MW/LW/SW: Sensitivity (75 ohm) MW/LW/SW(uV)	26/-/-

Tuner Feature	
Preset	FM18/AM12
RDS/EON (NA Only:RBDS, Others:RDS)	Yes (RBDS)

Supplied Accessories	
Supplied Accessories	Parts for installation and connections (1 set) RM-X211 wireless remote Speakers

Optional Accessories	
Optional Accessories	USB Connection Cable for iPod®: RC-100IP

1. Copy-protected content not supported.

2. Works with iPod touch® 1st - 4th generation, iPod nano® 1st - 6th generation, iPod classic®, iPod® with video, and iPhone® 3G, 3GS and 4.

3. Requires antenna and tuner, both sold sep.

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